Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The effect of education through game on learning about signs and traffic in elementary students

Protocol summary

Summary

Objective: This study aims to influence learning through play to learn the signs and traffic regulations in elementary students in the city of Shiraz .This study will be clinical trial conducted on 66 students over 7 years will run for 12 months will done. clinical trials, no blinding, no placebo-controlled, parallel to the companies by way of sampling were randomly selected and divided into two groups of 33 people each will be placed. Based learning intervention will be carried signs and traffic regulations. Here's how: First, research questionnaire tool made using the knowledge of the signs and traffic regulations are determined. The results of the test, take the case and control groups. The educational program that we run here are for educational games.After test in two weeks after we especially compared results in the two groups. Participants in the study inclusion criteria: students 7 to 12 years and would like to participate in the study. Exclusion criteria Participants: unwillingness to participate in the study. Interventions include educational program based on educational games to learn the signs and traffic regulations and will run for two weeks. The main outcome variables included raising awareness of the signs and traffic regulations are.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015081223572N1**
Registration date: **2015-10-05, 1394/07/13**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2015-10-05, 1394/07/13

Registrant information

Name
Nasim Mirzaei
Name of organization / entity
Tehran - Iran University of Medical Science
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research,Iran University of Medical Sciences

Expected recruitment start date

2016-03-19, 1394/12/29

Expected recruitment end date

2017-03-20, 1395/12/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of education through game on learning about signs and traffic in elementary students

Public title

The effect of education games on learning of signs and regulation of traffic

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria for the project: The students will be interested in research Exclusion criteria to the project: Students who are not interested in research

Age
From **7 years** old to **12 years** old
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **66**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics committee of IranUniversity of Medical Sciences
Street address
Iran University of Medical Sciences, Hemmat freeway, next to Milad tower Tehran, Iran
City
Tehran
Postal code
Approval date
2015-08-04, 1394/05/13
Ethics committee reference number
IR.IUMS.REC.1394 .25546

Health conditions studied

1

Description of health condition studied
Learn the signs and traffic regulation
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
Awerness
Timepoint
Before the intervention, Immediately after the intervention-Two months after the intervention
Method of measurement
Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
In control group did not any intervention
Category
Other

2

Description
Interventions will apply only to intervention group. The intervention is designed to run training game. The content of the training program includes identifying symptoms Vtablvhay driving, knowledge of driving rules and traffic laws and respect Bashd.nhvh guide will be applicable only for groups. In two 45-minute training session on the basis of the strategy implemented adult education and training will play method. None of this training will be implemented for the control group. Immediately and two months later all of the questionnaires will be completed by the two groups
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Elementry schools centers of Shiraz
Full name of responsible person
Nasim Mirzaei
Street address
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Shiraz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research,Iran University of Medical Sciences
Full name of responsible person
Mohammad Reza Vafa
Street address
Iran University of Medical Science, Hemmat freeway, next to Milad tower Tehran, Iran
City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Vice chancellor for research,Iran University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

mirzaei.n@tak.iums.ac.ir

Full name of responsible person

Nasim Mirzaei

Position

PhD student of education and health promotion OF Iran University of Medical Sciences

Other areas of specialty/work

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City

Tehran

Postal code

Phone

Fax

Email

Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty